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Springville (Scobey Hill) Dam

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INFORMATION SESSION

GREAT LAKES FISHERY AND ECOSYSTEM RESTORATION (GLFER)

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Springville (Scobey Hill) Dam

WELCOME

- Local residents
- Angler groups
- Town of Concord
- Village of Springville
- Cattaraugus County
- Erie County
- US Fish & Wildlife Service
- NYS Dept. of Environmental Conservation
- NYS Dept. of Transportation

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Background Information

- Largest NYS-Lake Erie tributary
- Flows from Java Lake (Wyoming County) to Lake Erie for a distance of 65 miles
- Drainage area 280 square miles
- Located 34 miles from mouth
- Impassable to fish
- Acts as physical barrier to sea lamprey
- Designated historic structure by NYS-OPRHP & Natural Historic Register - Scobey Power Plant and Dam

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Section 508 of the 2000 Water Resources Development Act

Purpose

Allows the Corps of Engineers to provide planning, engineering and construction support in the development of Great Lakes Fishery and Ecosystem Restoration (GLFER)

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Section 506 of the 2000 Water Resources Development Act

OBJECTIVES:

- Preserve and restore aquatic habitat and riparian habitat.
- Restoration of ecosystems to promote naturally reproducing fish communities based on native or high value naturalized fish populations.
- Control the introduction and/or spread of invasive species.
- Restore beneficial uses to Areas of Concern in the Great Lakes.

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Section 506 of the 2000 Water Resources Development Act

COST SHARING:

65% Federal

35% non-Federal

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Feasibility Study Components

PROCESS

- Inventory existing conditions
- Problem identification
- Determine planning objectives and constraints
- Develop measures
- Combine measures to formulate alternative plans
- Evaluate alternative plans
- Select a plan

DOCUMENTS

- Detailed Project Report
- Environmental Assessment or Environmental Impact Statement

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Where are we now?

PROCESS

- ✓ Inventory existing conditions
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DOCUMENTS

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BACKGROUND INVESTIGATIONS

- Dam stability & geotechnical analysis will determine condition of dam and help formulate alternative plans.
- Sediment sampling – knowledge of quality of sediment will assist in the formulation of alternative plan.
- Hydrology and hydraulic analysis – analyze flow of water which will assist in design parameters.

District Employees performing sediment sampling

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GLFER Study
What do we need?

Background studies

- ✓ Sediment sampling
- ✓ Surveys
- Hydrology & hydraulics – Initiate FY08
- Dam stability – Initiate FY08
- Fishery analysis – FY08

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Springville (Scobey Hill) Dam Goals

1)Increase fish passage to the upstream reaches

2)Address sea lamprey control measures

3)Economic benefits associated with increased fish

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Springville (Scobey Hill) Dam
The Problems

1) Impacted habitat for several fish species

2) Sea lamprey

3) Structural stability of the dam unknown

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GLFER - Where are we now?

1) Meet

2) Generate Project Management Plan & associated documents

3) Gather input from team members, public interest groups and public

4) Develop Feasibility phase schedule

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Schedule

Process	How long it may take
Feasibility Phase	Approximately 36 months
Plans & Specifications	12-18 Months
Construction	12-18 Months (Depends on Recommended Alternative)

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Involvement:

- Public
- Stakeholder groups
- Local government representatives
- County government
- State agencies
- Federal agencies

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GLFER – Public Information (Communication is Important)

- Website will be created
- Database is being established
- Information meetings will be held periodically
- Provide press releases as study progresses
- Fact sheets will be updated quarterly and posted to website
- Feasibility Phase Study and Environmental documentation will be formal methods of expressing view points. Formal documents will be available for public review at the public library

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What are Your thoughts? Please share

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